



Division of Public Health Services

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Bureau of State Laboratory Services

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FAX TRANSMITTAL SHEET

DATE: June 25, 2009

TO: Laboratory Director and QA Manager

FROM: Steven D. Baker, Assistant Bureau Chief

State Laboratory Services

Subject: Information Update #103

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Prabha Acharya at (480) 284-6869

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Leadership for a Healthy Arizona



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Information Update

June 25, 2009

Update #103

1. ADHS has a new email address where application questions and requests may be directed. Any questions/comments regarding initial, renewal, or updating your list of licensed parameters may be sent to envapp@azdhs.gov.
2. The following documents have been added to the EPA Clean Water Act (CWA) webpage;
 - a. [QA/QC Requirements in Methods Not Published by EPA](#)
 - b. Proposed rule changes to the Waste Water methods

Please remember to review EPA CWA website periodically for valuable information that is updated frequently; the CWA webpage can be accessed at <http://www.epa.gov/waterscience/methods/>

3. The following air/vapor methods have been Director Approved:
 - a. Compendium Method IO-3.4, *Determination of Metals in Ambient Particulate Matter Using Inductively Coupled Plasma Spectroscopy (ICP)*;
This method can be found as an EPA Document EPA/625/R-96/010a, June 1999 at the following website: <http://www.epa.gov/ttn/amtic/inorg.html>
 - b. VOCs in Vapor by 8260B AZ Method, Revision 0, 04/14/2009; this method can be accessed at <http://www.azdhs.gov/lab/license/tech/infoup.htm>
4. **Information Update 102, item #7, Correction:**

It was confirmed with the Standard Method Joint Editorial Board that it is not required for more than one dilution per sample to achieve DO depletions of 2.0 mg/L and DO retention of at least 1mg/L, for BOD reporting (Standard Methods 5210B, 4f).

5. LFB at MRL drinking water requirement:

Further clarification for item #6 in the Information Update 102; for the analytical methods where the calibration standards are extracted with each sample batch (for e.g., EPA methods 504.1 and 515.4), it is not required to extract an additional LFB at MRL; the

response from the MRL calibration standard can be plugged back into the curve to determine acceptability.

6. ADHS will accept the maintenance of sample refrigerator temperatures to be within 1-5°C which is within the acceptance limits of the EPA DW Manual, 5th edition and the EPA's Method Update rules from 3/12/07 & 3/26/07. This would be applicable to both micro and chemistry samples.
7. The autoclave Datalogger, which is NIST traceable and accurate to 0.5⁰ C is acceptable for measuring autoclave temperatures for both drinking water and wastewater analytical procedures.
8. The use of hydroxide eluents (either manually prepared or electrolytically generated) in EPA Methods 300.0 and 300.1 is acceptable for compliance monitoring under Clean Water Act and Drinking Water Act and applies to all revisions of the methods.
9. The wastewater microbiology holding time language will change when the next Methods Update Rule is published. The following clarification regarding the upcoming rule was received from EPA; ADHS has already been enforcing this:

"The Federal Register, at 40 CFR Part 136.3, Table II, Footnote 22 states "Sample analysis should begin immediately, preferably within 2 hours of collection. The maximum transport time to the laboratory is 6 hours, and samples should be processed within 2 hours of receipt at the laboratory."

This means that there are 2 time periods that are completely separate from each other. The first time period is to get the sample to the lab. That time is within 6 hours. The second, separate time period, which is completely separate from the first time period, is 2 hours for sample processing. The two times cannot be merged and redivided between getting the sample to the lab and processing the sample. The following are examples that may apply to you.

- 1. If the sample arrives later than 6 hours after collection, it has not met the requirement.*
- 2. If the samples are not processed within 2 hours of the sample being received at the laboratory, it has not met the requirement.*
- 3. If the sample arrives at the lab earlier than the maximum 6 hour time, it does NOT extend the time for sample analysis. For example, if the sample arrives at the lab within one hour of collection, the lab still has 2 hours (not 7) to process the samples."*

10. Please contact Prabha Acharya @ (480) 284-6869/(602) 364-0734 or acharyp@azdhs.gov for any technical or method related questions. The earlier Information Updates can be accessed @ <http://www.azdhs.gov/lab/license/tech/infoup.htm>